

ABSTRACT OF THE DISCLOSURE

A method and apparatus (30) for modifying contractility of the heart of a patient. The method includes receiving signals from a sensor (22, 23, 46) coupled to the body of the patient indicative of physiological activity. The signals are analyzed to derive a measure of the physiological activity, and excitable tissue control (ETC) stimulation is applied to the heart (20) so as to enhance contractility of the heart muscle responsive to the measure.